

Translation

PATENT COOPERATION TREATY

PCT/FR2003/002118



PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference BLAM-S020565	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/FR2003/002118	International filing date (<i>day/month/year</i>) 08 juillet 2003 (08.07.2003)	Priority date (<i>day/month/year</i>) 11 juillet 2002 (11.07.2002)
International Patent Classification (IPC) or national classification and IPC F02M 63/02		
Applicant SIEMENS AUTOMOTIVE HYDRAULICS SA		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.

2. This REPORT consists of a total of 4 sheets, including this cover sheet.

☒ This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 3 sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☐ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 10 janvier 2004 (10.01.2004)	Date of completion of this report 17 September 2004 (17.09.2004)
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/FR2003/002118

I. Basis of the report

1. With regard to the elements of the international application:*

- ☐ the international application as originally filed
- ☒ the description:
pages _____ 2-11 _____, as originally filed
pages _____, filed with the demand
pages _____ 1 _____, filed with the letter of _____ 06 November 2003 (06.11.2003)
- ☒ the claims:
pages _____, as originally filed
pages _____, as amended (together with any statement under Article 19
pages _____, filed with the demand
pages _____ 1-10 _____, filed with the letter of _____ 08 September 2004 (08.09.2004)
- ☒ the drawings:
pages _____ 1/8-8/8 _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description:
pages _____, as originally filed
pages _____, filed with the demand
pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/fig _____

5. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement**

Novelty (N)	Claims	1-10	YES
	Claims		NO
Inventive step (IS)	Claims	1-10	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-10	YES
	Claims		NO

2. Citations and explanations

1. The subject matter of claims 1 and 3 is not anticipated by the available prior art. As a result, claims 1 and 3 fulfil the PCT requirement of novelty (PCT Article 33(2)).

2. Document D1 is considered to be the prior art closest to the subject matter of the independent claims. Said document discloses the features in the preamble of claim 1 and the features in the preamble of claim 3.

It follows that the subject matter of claim 1 differs from the device described in document D1 in that:

the solenoid valve is provided with a line for discharging high-pressure petrol (gasoline) to the low pressure line upstream from the solenoid valve.

This inventive concept is also found in the technical features mentioned in the characterising portion of claim 3.

The rate of discharge from the high pressure line to

the low pressure line enables enhanced operation in the following modes: engine braking, engine cut-off and engine idling.

The solution proposed in claim 1 of the present application is not proposed in the available prior art. As a result, claim 1 fulfils the PCT requirement of inventive step (PCT Article 33(3)).

3. The dependent claims also fulfil, as such, the PCT requirements of novelty and inventive step.
4. The industrial applicability of the present invention is considered to be obvious (PCT Article 33(4)). As a result, the application fulfils the requirements set forth in PCT Article 33(1) to (4).